

## REMARKS

Applicants have carefully reviewed the Application in light of the Office Action dated January 6, 2011. Claims 1-15, 19 and 20 are pending in this Application. Claim 14 was rejected under 35 U.S.C. 112, second paragraph and Claims 1-15, 19 and 20 were rejected under 35 U.S.C. 103(a). Claims 1-6, 9-15 and 19 have been amended. Claims 16-18 were previously cancelled by Applicants without prejudice or disclaimer. Applicants respectfully request reconsideration and favorable action in this case.

### Claim Objections

Applicants have amended Claims 10, 12 and 14 to overcome the informality objections.

### Rejections under 35 U.S.C. § 112

Claim 14 stands rejected by the Examiner under 35 U.S.C. §112, second paragraph, as being indefinite and failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. Applicants have amended Claim 14 to overcome this rejection. Accordingly, Applicants respectfully request reconsideration and withdrawal of the rejections under 35 U.S.C. § 112, second paragraph and full allowance of Claim 14 as amended.

### Rejections under 35 U.S.C. §103

Claims 1-15 and 19-20 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent 6,920,185 by Hinson ("Hinson") in view of U.S. Patent 6,393,109 by Willer ("Willer").

*Hinson* discloses a distributed block frequency converter that combines and up-converts multiple channels for transport via selected media.

*Willer* discloses methods and systems for controlling transmission of data between network stations connected to a telephone line medium. Low pass filters, each configured for passing UPN protocol digital signals and rejecting local area network signals, are connected at each digital PBX terminal end and each digital end equipment terminal end of a corresponding two-wire bus. (Col. 3, Lines 17-22). A first high pass filter configured for

passing the local area network signals and rejecting the UPN protocol digital signals is connected across a corresponding node of each of the two-wire busses connected to the digital PBX terminal end and a second high pass filter configured for passing the local area network signals and rejecting analog telephony signals is connected between the first high pass filter and another two-wire bus connected to the analog PBX terminal ends. (Col. 3, Lines 25-34).

Claim 1, as amended, recites an information handling system comprising, among other elements, “the inductive devices selected and coupled to the board-mounted transmission lines to offset at least one electrical characteristic of the communication switch such that one or more electrical characteristics of selected board-mounted transmission lines may be tuned to substantially approximate one or more electrical characteristics required by a communication protocol on the external network.”

Claim 9, as amended, recites a circuit board comprising, among other elements, “the inductive devices selected and positioned to offset the an electrical characteristic of the Ethernet switch such that an impedance measure from the Ethernet physical layer transceiver to an external Ethernet network connection on the circuit board substantially matches an impedance measure required by a communication protocol on the external Ethernet network.”

Claim 19, as amended, recites an information handling system communication pathway comprising, among other elements, “at least one of the four pairs of board-mounted transmission lines having included on each board-mounted transmission line an inductive device serially coupled thereto, selection and placement of the inductive devices to offset an electrical characteristic of the electronic switch such that substantial impedance matching is achieved with a communication protocol on a communication network to be connected to the information handling system.”

Applicants respectfully submit that the cited portions of the references fail to disclose each and every element of Applicants' invention. *Hinson* and *Willer*, either alone or in combination, fail to disclose an information handling system comprising “the inductive devices selected and coupled to the board-mounted transmission lines to offset at least one electrical characteristic of the communication switch such that one or more electrical characteristics of selected board-mounted transmission lines may be tuned to substantially approximate one or more electrical characteristics required by a communication protocol on

an external network,” as recited in amended Claim 1. *Hinson* and *Willer*, either alone or in combination, additionally fail to teach or suggest a circuit board comprising “the inductive devices selected and positioned to offset an electrical characteristic of the Ethernet switch such that an impedance measure from the Ethernet physical layer transceiver to an external Ethernet network connection on the circuit board substantially matches an impedance measure required by a communication protocol on the external Ethernet network,” as recited in amended Claim 9. *Hinson* and *Willer*, either alone or in combination, further fail to disclose an information handling system communication pathway comprising “at least one of the four pairs of board-mounted transmission lines having included on each board-mounted transmission line an inductive device serially coupled thereto, selection and placement of the inductive devices to offset an electrical characteristic of the electronic switch such that substantial impedance matching is achieved with a communication protocol on a communication network to be connected to the information handling system,” as recited in amended Claim 19. The cited references fail to disclose the recited elements and, therefore, cannot render obvious Claims 1, 9 and 19.

Given that Claims 2-8 depend from Claim 1, Claims 10-15 depend from Claim 9, and Claim 20 depends from Claim 19, Applicants respectfully submit that Claims 2-8, 10-15 and 20 are also allowable. Applicants respectfully request that the Examiner withdraw the rejections and allow Claims 1-15 and 19-20.

**No Waiver**

All of Applicants’ arguments and amendments are without prejudice or disclaimer. Additionally, Applicants have merely discussed example distinctions from the references relied upon. Other distinctions may exist, and Applicants reserve the right to discuss these additional distinctions in a later Response or on Appeal, if appropriate. By not responding to additional statements made by the Examiner, Applicants do not acquiesce to the Examiner’s additional statements. The example distinctions discussed by Applicants are sufficient to overcome the rejections asserted in the present Office Action.

**Request for Extension of Time**

Applicants respectfully request One-Month Extension of Time, and the Commissioner is hereby authorized to charge the extension filing fee of \$130.00 to Deposit Account No. 50-2148 of Baker Botts L.L.P.

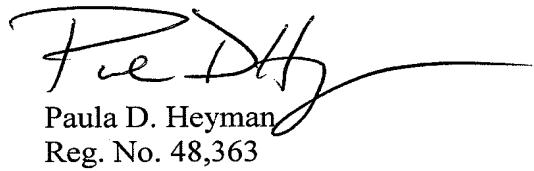
**CONCLUSION**

Applicants appreciate the Examiner's careful review of the application. Applicants have now made an earnest effort to place this case in condition for allowance in light of the amendments and remarks set forth above. For the foregoing reasons, Applicants respectfully request reconsideration of the rejections and full allowance of Claims 1-15, 19 and 20, as amended.

Applicants authorize the Commissioner to charge the amount of \$130.00 for the one-month extension of time to Deposit Account No. 50-2148 of Baker Botts L.L.P. Applicants believe there are no other fees due at this time, however, the Commissioner is hereby authorized to charge any fees necessary or credit any overpayment to Deposit Account No. 50-2148 of Baker Botts L.L.P.

If there are any matters concerning this Application that may be cleared up in a telephone conversation, please contact Applicants' attorney at 512.322.2555.

Respectfully submitted,  
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Date: May 2, 2011

**SEND CORRESPONDENCE TO:**

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